



AAGC-200 and ADA-200

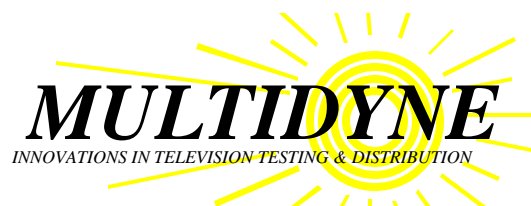
Audio Automatic Gain Stereo Distribution Amplifier with VU Meters

The *NEW* AAGC-200 Modular Stereo Audio Automatic Gain Distribution Amplifiers is ideal for applications where consistent audio levels are required to prevent clipping and distortion. The gain is adjustable from -6 to $+30$ dBm. The hold time is adjustable from 1 to 12 seconds. The unit includes low level gating to prevent amplification of noise during quite periods. The DA is available with front panel Bi-color VU LEDs or a high accuracy 10 Segment LED VU Meters. The AAGC-200 and the entire ADA-200 Series of Modular Audio Distribution Amplifiers plug into the *NEW* MULTIDYNE UTIL-200-AUDIO 10 Slot Audio DA Tray and the UTIL-200-AV 5 Slot Video and 5 Slot Audio DA Tray. The trays are available with universal redundant power supplies for 85 to 265 VAC and 48 VDC operation.

Specifications: INPUT: Impedance: 50K Ohms, balanced; Max. Level: $+30$ dBu; Common mode range: ± 20 Volts; Common mode rejection: >90 dB @ 60 Hz. OUTPUT: Channel: 1 Mono, 2 Stereo; Output per channel: 8 Mono, 4 Stereo; Impedance: 100/600 Ohms standard/optional; Max. level: $+30$ dBu; Output to output isolation: > 70 dB. PERFORMANCE: Gain range: -6 to $+33$ dB; (± 15 dB on multi-turn pot, 0, 6, 10, 18 fixed); Signal to noise: >100 dB; Frequency response: ± 0.05 dB, 20 – 20 KHz; Total harmonic distortion: $<0.02\%$; Intermodulation distortion: $<0.01\%$; Isolation between cards: >100 dB; Interchannel crosstalk: >95 dB; Temperature range: 0 – 50 degrees C; Power consumption, MAX.: < 2 Watts

Ordering Information:

- ADAM-200, 50 or 600 Ohm Mono Audio Distribution Amplifier, 1 in 8 out, Gain -6 to $+33$ dB, S/N 100 dB, 50 Ohm standard output impedance.
- ADAS-200, 50 or 600 Ohm Stereo Audio Distribution Amplifier, 1 in 4 out stereo, Gain -6 to $+33$ dB, S/N 100 dB, 50 Ohm standard output impedance.
- AAGC-200, 50 or 600 Ohm Mono and Stereo Audio Distribution Amplifier and Automatic Gain Control with Low-level gating, 1 in 8 out mono, 2 in 4 out stereo, Gain -6 to $+33$ dB and S/N 100 dB, 50 Ohm standard output impedance.
- VUA, Bi-colored LED VU Audio Indicator, optional (per channel)
- VUBAR, 10 Segment LED VU Meter, optional (stereo only)
- UTIL-200-AUDIO-2RU-AC, Analog Audio, 10 Slot, 2RU, Modular Audio Utility Tray, with one 85-265 VAC Power Supply & Line Cord
- UTIL-200-AV-2RU-AC, Analog & Digital Video, Analog & Digital Audio, 5 Slot Video & 5 Slot Audio, 2RU, Modular Utility Tray, one 85-265 VAC Power Supply & Line cord
- PS-200-AC, Modular 85-265 VAC Power Supply & Line Cord for 200 series trays
- UTIL-200-AUDIO-2RU-48VDC, Analog Audio, 10 Slot, 2 RU, Modular Utility Tray, with one 35-60 VDC Power Supply
- UTIL-200-AV-2RU-48VDC, Analog & Digital Video, Analog & Digital Audio, 5 Slot Video & 5 Slot Audio, 2RU, Modular Utility Tray, with one 35-60 VDC Power Supply
- PS-200-48VDC, Modular 35-60 VDC Power Supply for 200 series trays



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